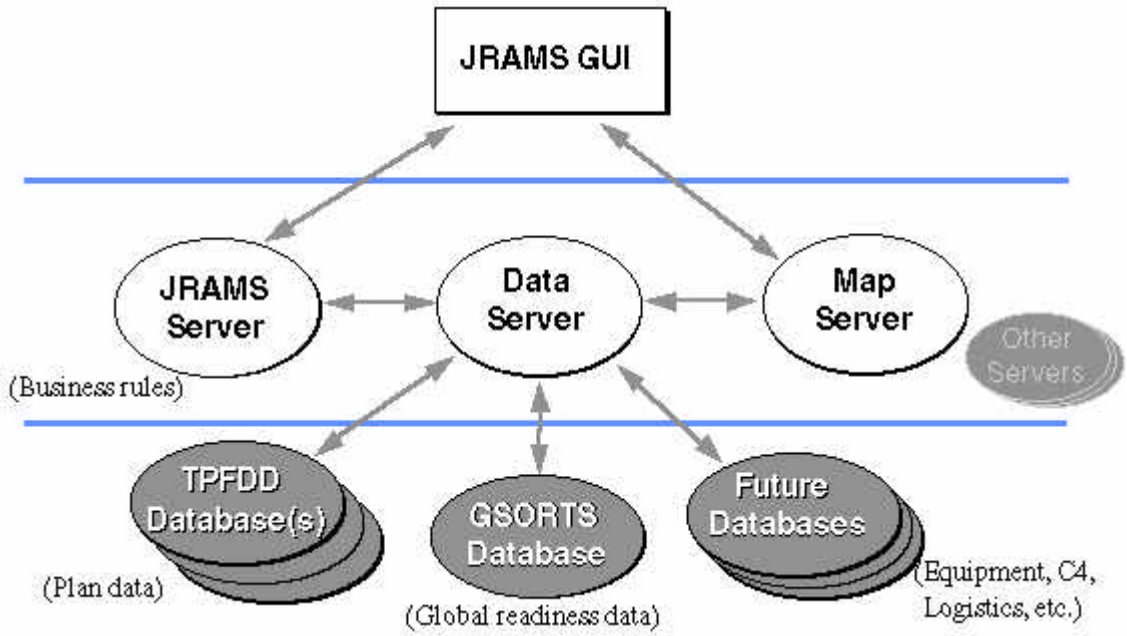
Component Architecture/Design Diagram
Joint Readiness Automated Monthly System

JRAMS

(Provide hardware/software allocation diagram illustrating component modules, platforms they run on, internal and external interfaces, databases, and APIs supported)



JRAMS currently executes on the Sun SPARC platform under the Solaris 2.5 operating system. The HP-UX 9.0.7 and Windows NT/95 operating systems will also be supported in FY 97.

Platform and Interface Details
(Cover each platform from the diagram)

JRAMS

PLATFORM H/W: Sun SPARC workstation.

PLATFORM OS: Solaris 2.5

OTHER COTS SYSTEM SOFTWARE: Orbix 2.0

APIS AND STANDARDS SUPPORTED: (Including communications protocols and standards)

PLANNED FOR FY 97:

> **PLATFORM H/W**: Pentium PC.
>
> **PLATFORM OS:** Windows NT/95
>
> **OTHER COTS SYSTEM SOFTWARE:** Orbix 2.0
>
> **APIS AND STANDARDS SUPPORTED**: (Including communications protocols and standards)
>
> **PLATFORM H/W**: HP Workstation.
>
> **PLATFORM OS:** HP-UX 9.0.7
>
> **OTHER COTS SYSTEM SOFTWARE:** Orbix 2.0
>
> **APIS AND STANDARDS SUPPORTED**: (Including communications protocols and standards)

Component Details

JRAMS

Component Design

COTS/GOTS DEPENDENCIES: (to include information and other applications)
• Orbix 2.0
• Uses Map Server and Data Server (from JTF ATD)

HARDWARE/OS DEPENDENCIES: Solaris 2.4, 2.5. Future releases will include HP-UX and Windows NT/95.

DESIGN STANDARDS: (References) DII COE, Motif Style Guide

DESIGN ARTIFACTS (INCLUDING CASE TOOL DATABASES): (Available and Planned)

INTERFACE DOCUMENTATION: (Internal & external and when it will be updated)

JRAMS Server IDL

Component Implementation

LANGUAGES USED: Galaxy, C++, Motif, SQL/OQL

SOFTWARE SIZE: (Planned or Actual) 350 MB of disk space required for installation.

USER INTERFACE TECHNOLOGY: JRAMS uses the Galaxy GUI Development Environment and adheres to the DII/COE Style Guide Specification.

REUSED MODULES: N/A